

IN THE CLAIMS

Claims 1-39 (Canceled).

40 (Previously Presented). A system comprising:
a processor; and
a flash memory coupled to said processor, said flash memory to store a primary operating system, a backup operating system for use when the primary operating system fails or needs updating, compressed file data, and information for use in locating said file data in said flash memory.

41 (Previously Presented). The system of claim 40, wherein the system is a cellular telephone.

42 (Previously Presented). The system of claim 41 including a basic input/output system stored in a compressed format on said flash memory.

Claim 43 (Canceled).

44 (Previously Presented). The system of claim 41 including a device driver to decompress said compressed data in said flash memory and to provide said data in a format used by the operating system.

45 (Previously Presented). The system of claim 44 including a file system driver to organize the data received from said device driver into a file system.

46 (Previously Presented). The system of claim 41 wherein said flash memory stores an allocation table to indicate the length of entries stored in said flash memory and the number of entries in said allocation table.

47 (Previously Presented). The system of claim 41 wherein said file data stored in compressed form on said flash memory is formed into compressed blocks of unequal length.

48 (Previously Presented). The system of claim 41 including data for more than one file system stored on said flash memory.

49 (Previously Presented). The system of claim 47 including a loader and a kernel for an operating system stored on said flash memory.

50 (Previously Presented). The system of claim 41 including a network connection to download additional data from a network.